APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

INVESTIGATIONS OF THE TEMPERATURE RISE OF THE ACTIVE PARTS OF A TURBO-GENERATOR WITH DIRECT HYDROGEN COOLING OF THE COPPER CONDUCTORS, BY V. F. VOROB'YEV, L. YA. STANISLAVSKIY.

RUSSIAN, PER, VEST ELEKTROPROM, NO 7, 1961, PP 16-25.

NLL M. 3801

SCI - ENGR

OCT 62

214,182

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Kaganova, L. I.
SEMICONDUCTOR FREQUENCY CONVERTER (HETERODYNE CONVERSION TRANSDUCER) FOR FEEDING MAGNETIC AMPLIFIERS. [1961] 8p. (4 figs. omitted) 5 refs.
Order from OTS or SLA $1.10 62-10721

Trans. of Vestnik Elektropromyshlennosti (USSR) 1961, v. 32, no. 7, p. 49-51.

DESCRIPTORS: *Magnetic amplifiers, Amplifiers, Powersupplies, Semiconductors, *Frequency converters, Transducers, Design, Operation.

The described semiconductor device is designed for the purpose of feeding magnetic amplifiers with a frequency voltage of 450 to 500 cycles per second. The output power of the frequency converter is 250 to 300 watts and the voltage at the output is 110 volts. The
(Engineering--Electronic, TT, v. 7, no. 12) (over)

62-10721

I. Kaganova, L. I.

Office of Technical Services

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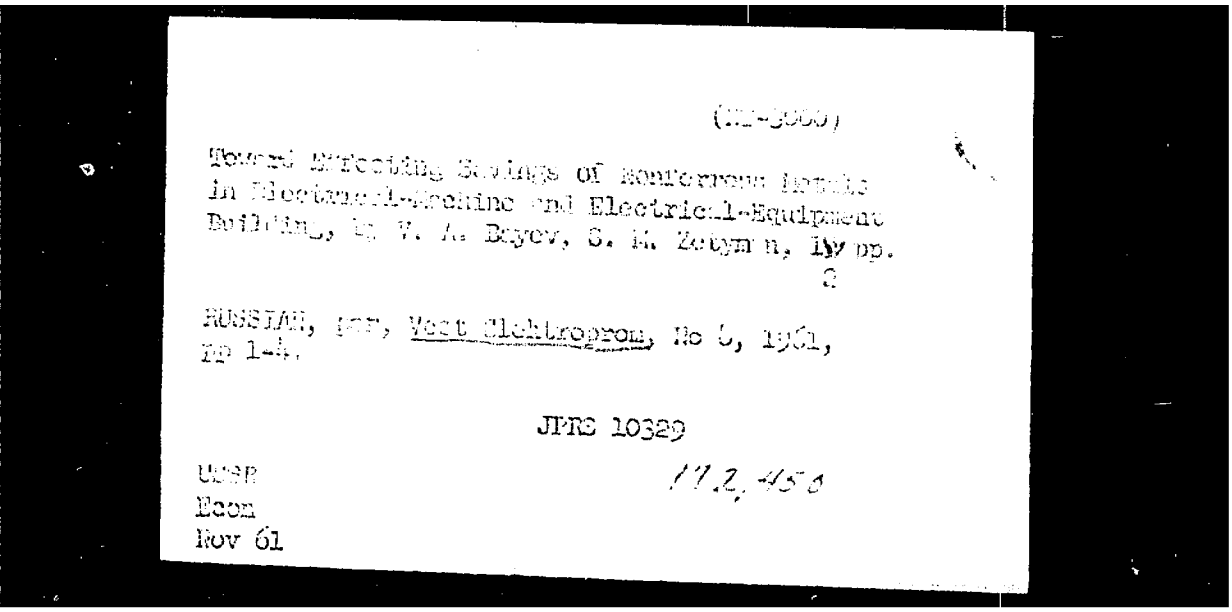

(U)-3000)

Thermal Effecting Savings of Nonferrous Metals in Electrical-Heating and Electrical-Equipment Building, by V. A. Bayev, S. M. Zaytsev, 14 pp. 3

RUSSIAN, USSR, Vest Elektroprom, No 6, 1961, pp 1-4.

JPRS 10329

USSR
Econ
Nov 61

11.2.458

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

The National Design of the Cooling Ducts of a Rotor, by A. M. Rassulov.

RUSSIAN, per, Vest Elektroprom, Vol XXXII, No 8, 1961, pp 31-34.

MLL RTS 2049

Sci - Electricity

Aug 62

201,515

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

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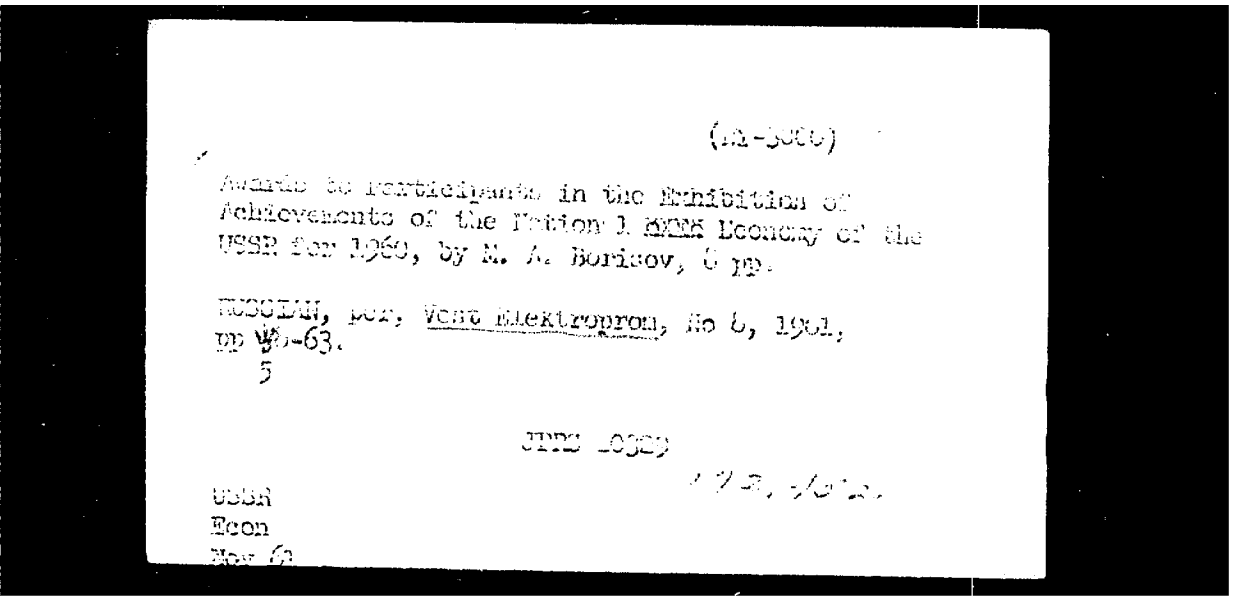

(AA-3086)

Awards to Participants in the Exhibition of Achievements of the National Economy of the USSR for 1960, by N. A. Borisov, 6 pp.

MOSCOW, DSP, Vest Elektroprom, No 6, 1961, pp 59-63.

5

JPRS 10382

1 Feb 62

USSR
Econ
Nov 61

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

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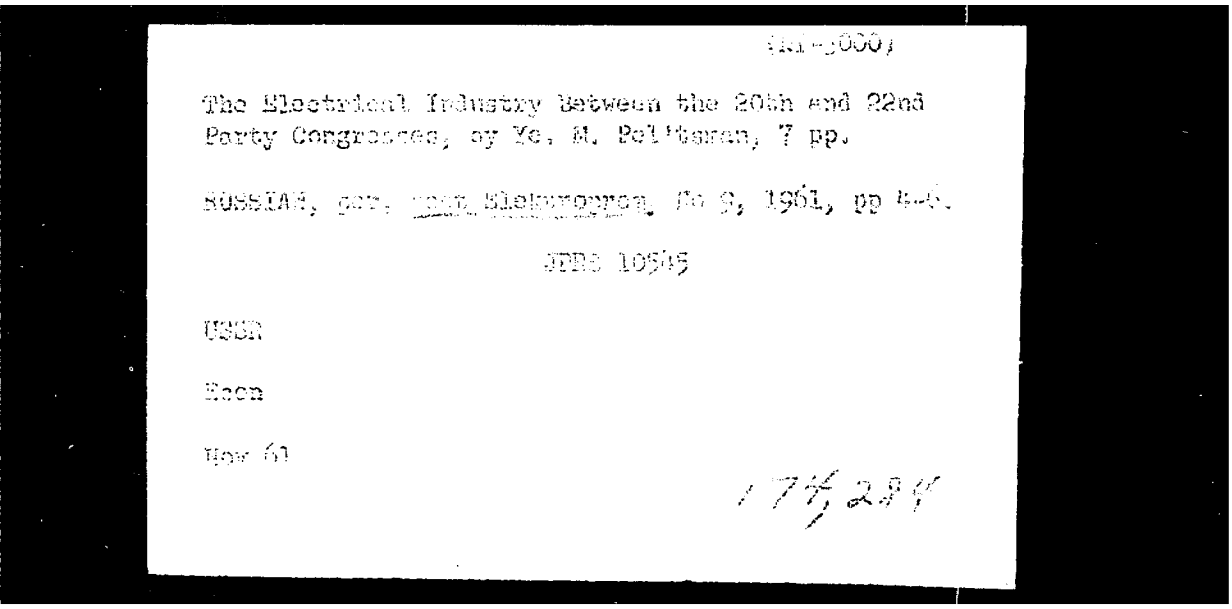

[illegible]

The Electrical Industry Between the 20th and 22nd Party Congresses, by Ye. M. Pol'yakov, 7 pp.

RUSSIAN, gen. Izd. Elektrichestvo, No 8, 1961, pp 4-6.

JPRS 10545

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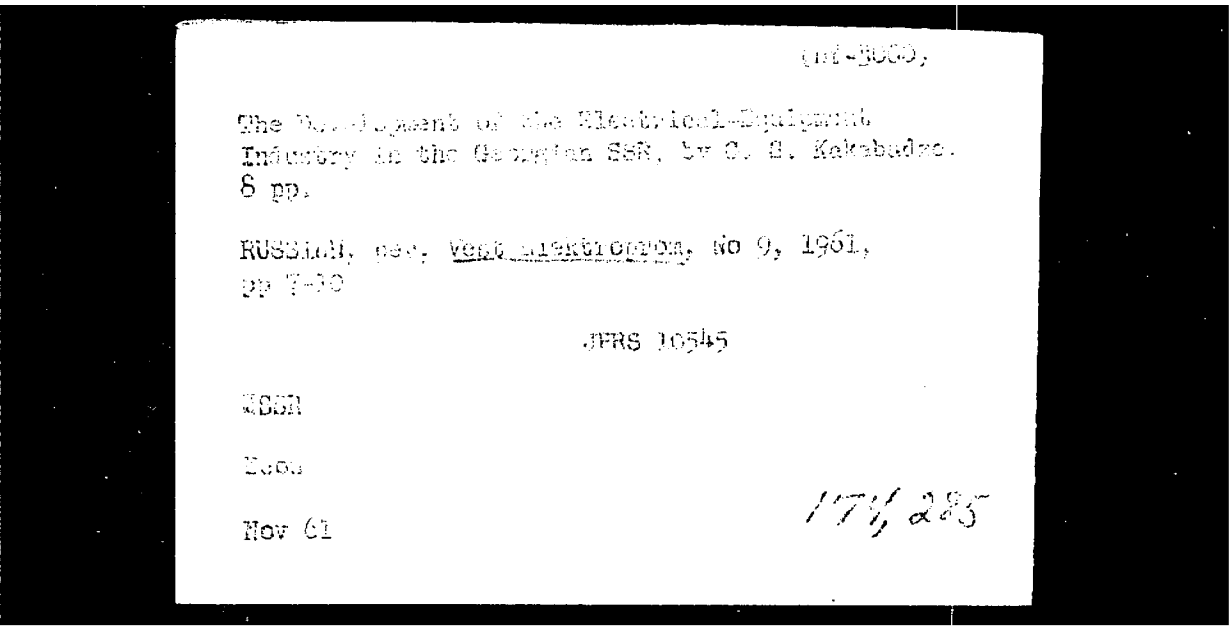
Econ

Nov 61

17 Y 284

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8



(nI-3000)

The Development of the Electrical-Equipment Industry in the Georgian SSR, by G. S. Kekabadze. 8 pp.

RUSSIAN, per. Vest Elektrotekhniki, No 9, 1961, pp 7-10

JPRS 10545

USSR

Econ.

Nov 61

177 285

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Specialization and Coordination of the Electrical-Equipment Industry in the Republics of Central Asia, by M. A. Ovcharova, 3 pp.

RUSSIAN, per, Vest Elektroprom, No 9, 1963, pp 11-12.

JPRS 19549

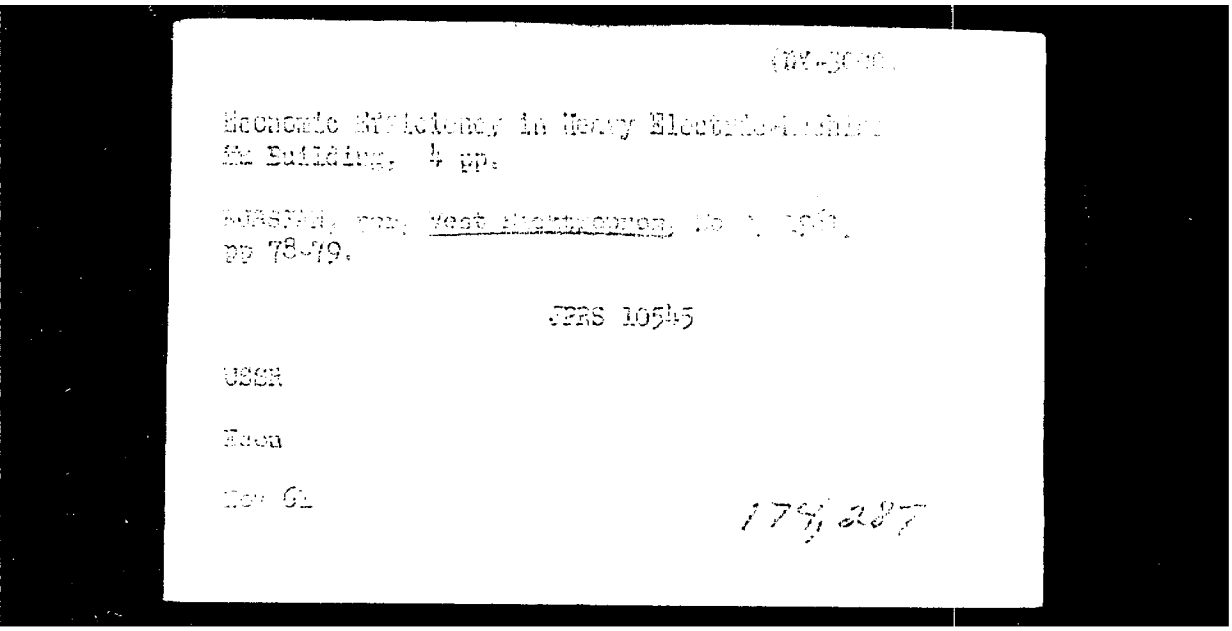
STA

Mem

Nov 63

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8



(W-30691)

Mechanic Efficiency in Heavy Electric-Welding Shop Building, 4 pp.

Avtogen, mos, Vest Mashinostroen, No 1, 1961, pp 78-79.

JPRS 10545

USSR

Econ

Dec 61

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APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

(NY-3000)

The Present Situation of the Soviet Electrotechnical Industry, by S. S. Ognev, V. N. Fedotov, 12 pp.

RUSSIAN, mn per, Vestnik Elektroprom, No 10, 1961, pp 1-6.

JPRS 11212

USSR
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Dec 61

176,317

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

State of the Art in Automatic Electric Drives,
by V. S. Aleksandrov, et al.

RUSSIAN, per, Vest Elektroprom, No 10, 1961,
pp 7-12.

ERDL, Ft Belvoir T-1509
OTS 62-25142

Scrl - Electron
Aug 62

211, 424

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

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Operation of Oil Rings, by L. B. Tsesarskiy.

RUSSIAN, per, Vest Elektroprom, No 11, 1961, pp

NiL M. 3854

Sci - Engr

Nov 62

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

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Inductance of Sectional Paper Capacitors, by G. S. Kuchinskiy, K. M. Irkayeva, 18 pp.

RUSSIAN, per, Vest Elektropromyshlennosti, Vol XXXII, No 11, 1961, pp 38-41. 9093509

U.K. Atomic Energy Authority
Aldermaston, Berks

Sci - Phys
Jul 62

204, 681

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

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Low-Power 110 kV Transformers and their Use for Rural Electrification, by M. I. Sagalov.

RUSSIAN, per. Vestnik Elektroprom, Vol XXXII, No 12, 1961.

NZDIA

Sci-Engr
Aug 63

341,487

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Operating Characteristics of Axial Fans in Cooling Systems in Large Electrical Machines, by V. I. Polikovskiy, T. G. Sergyevskaya.

RUSSIAN, per, Vest Elektroprom, Vol XXXII, No 12, 1961, pp 26-32.

MLL M. 3857

Sci - Engr

Nov 62

5:7,563

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

(NY-3000)

APPLICATION OF CERAMET PRODUCTS IN THE ELECTRICAL INDUSTRY, BY A. B. AL'TMAN, 4 PP.

RUSSIAN, PER, VESTNIK ELEKTROPROM, NO 2, 1962, PP 79, 80.

JPRS 14412

USSR

ECON
SCI - ELECTRICITY
JUL 62

202,468

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Neiman, S. B.
VERTIKALE SYNCHRONMOTOREN FUER HOCH-LEISTUNGSPUMPEN (Vertical Synchro-Motors for Heavy-duty Pumps). 11p.
Order from TIB $2.00

Trans. in German of Vestnik Elektropromyshlennosti (USSR) 1962, v. 33, no. 3, p. 29-33.

DESCRIPTORS: *Synchro receivers, *Pumps.

(Engineering--Electrical, TT, v. 9, no. 11)

62-27276

1. Neiman, S. B.
II. Technische Informationsbibliothek, Hannover (West Germany)

Office of Technical Services

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Dombrovskii, V. V. and Kaplan, M. Y.
DIE PROJEKTIERUNG VON HYDROGENERATOREN GROSSER LEISTUNG (The Projecting of Hydrogenerators of High Power). 10p.
Order from TIB $1.80

Trans. in German of Vestnik Elektropromyshlennosti (USSR) 1962, v. 33, no. 4, p. 11-15.

DESCRIPTORS: *Generators, Water.

(Engineering--Mechanical, TT, v. 9, no. 11)

62-27314

I. Dombrovskii, V. V.
II. Kaplan, M. Y.
III. Technische Informationsbibliothek, Hannover (West Germany)

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APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

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(NY-1830)

NEW DESIGNS FOR AIR-COOLED RESISTORS, BY F. I. MAVDRIKOV, N. M. NOVOGRENKO, YE. M. BONDARENKO, ET AL, 3 PP.

RUSSIAN, PER, VEST ELEKTROPROM, NO 5, 1962, PP 24-26.

JPRS 15032

USSR
ECON
SCI - ELECTRICITY
SEP 62

210,253

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

(NY-1830)

CAPACITORS FOR INCREASING POWER FACTOR, SERIES KMV AND KSV, BY D. S. VARSHAVSKIY, A. G. LANTSEV, 10 PP.

RUSSIAN, PER, VEST ELEKTROPROM, NO 5, 1962, PP 56-61.

JPRS 15032

USSR
ECON
SCI - ELECTRICITY
SEP 62

210,254

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

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(NY-1830)

NEW RELAYS, 8 PP.

RUSSIAN, PER, VEST ELEKTROPROM, NO 5, 1962, PP 77-80.

JPRS 15092

USSR
ECON
SCI - ELECTRONICS
SEP 62

210,203

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Achievements of the Cable Manufacturing Industry, 10 pp.

RUSSIAN, per, Vestnik Elektro-Promyshlennosti, No 6, 1962, pp 1-3.

JPRS 15401

USSR
Econ
Oct 62

215,639

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Investigations of the Dynamics of Electric Drives for Lifting and Traction in the E Sh 8/60 Excavator,

RUSSIAN, per, Vestnik Elektro Promyshlennosti, No 6, 1962, pp 38-40.

NLL M 3963

Sci - Electron
Feb 63

223,568

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Operation of Asynchronous Motors in the Event of Rupture in the Short-Circuit Rings, by R. R. Parts.

RUSSIAN, per, Vestnik Electrepromm, No 6, 1962, pp 45-46.

NLL M 5093

Sci - Electron, Engr
May 63

229,139

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Conditions and Prospects of Development of Electric Drives for Paper-Making Machines, by N. M. Filin, et al.

RUSSIAN, per, Vestnik Electropromyshlennosti, No 8, 1962, pp 5-7.

MIL M 5098

Sci - Electron
May 63

229,138

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Hydrophobic Coatings for Insulators in Heavily Polluted Areas, by N. M. Zharkov.

RUSSIAN, per, Vest Elektroprom, Vol III, No 8, 1962, pp 69-71.

NLL Ref: 9022.09 1964 (3305) (loan)

OTS TT-64-15922 6pp

May 64

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

THE AUTOMATION OF RURAL ELECTRIC GRIDS, BY N. M. ZUL', 6 PP.

RUSSIAN, PER, VESTNIK ELEKTROPROMYSHLENNOSTI, NO 9, OCT 1962, PP 3-7.

JPRS 16771

USSR
ECON
SCI - ENGR
DEC 62

218,453

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Electrified Poultry-Raising Undertakings,
by R. Slavin.

RUSSIAN, per, Vest Elektroprom, Vol XXXIII,
No 9, 1962, pp 26-29.

GB/10/2903

Sci-Biol

Oct 63

241,446

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

A New 0.27-100 KW Series of Explosion-Proof Induction Motors, by O. D. Gol'dberg, 4 pp.

RUSSIAN, per, Vestnik Elektropromyshlennosti, No 10, 1962, pp 79-80.

JPRS 16437

USSR
Econ
Sci - Engr
Dec 62

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

PROBLEMS IN THE COOLING OF ELECTRICAL MACHINERY,
BY M. I. ZEMLYANOY, V. V. MAL'TSEV, 6 PP.

RUSSIAN, PER, VESTNIK ELEKTROPROMYSHLENNOSTI,
NO 11, NOV 1962, PP 1-4.

JPRS 16771

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ECON
SCI - ENGR
DEC 62

218,454

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Investigation of Gas Movement and Heat Transfer in Rotating Rotors,
by V. V. Mal'tsev, 18 pp.

RUSSIAN, per, Vestnik Elektro Prom, No 11, 1962, pp 15-22. 9684845

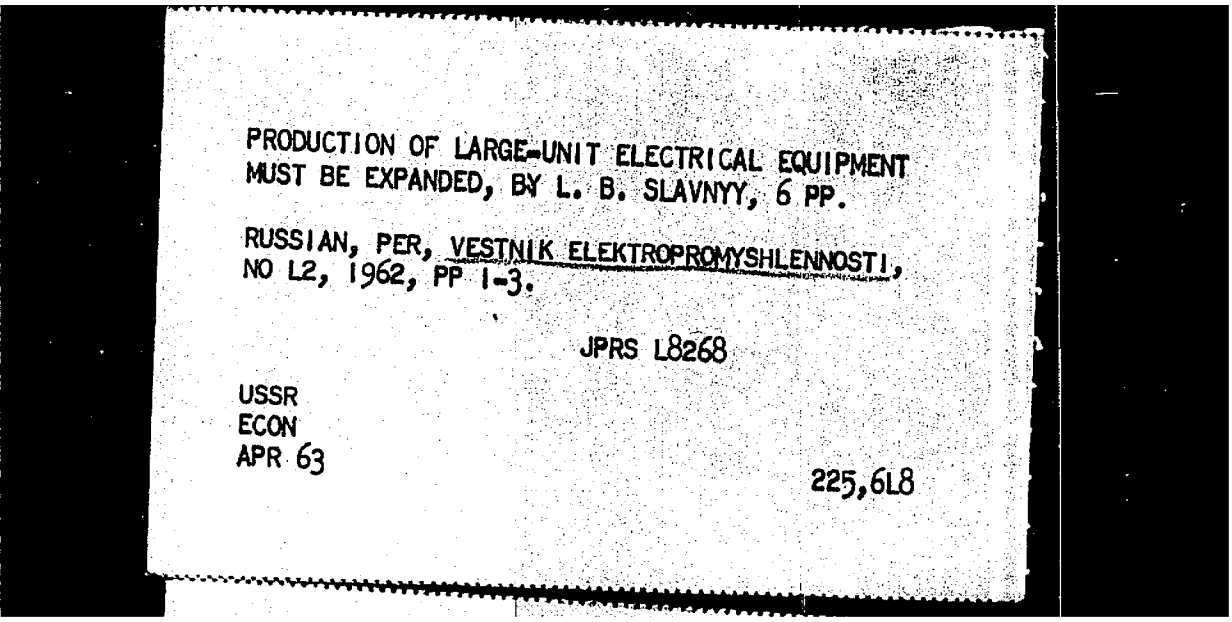
PTD-TT-63-366

Sci-Electro
Aug 63

238,026

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8



PRODUCTION OF LARGE-UNIT ELECTRICAL EQUIPMENT MUST BE EXPANDED, BY L. B. SLAVNYY, 6 PP.

RUSSIAN, PER, VESTNIK ELEKTROPROMYSHLENNOSTI, NO L2, 1962, PP 1-3.

JPRS L8268

USSR
ECON
APR 63

225,6L8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

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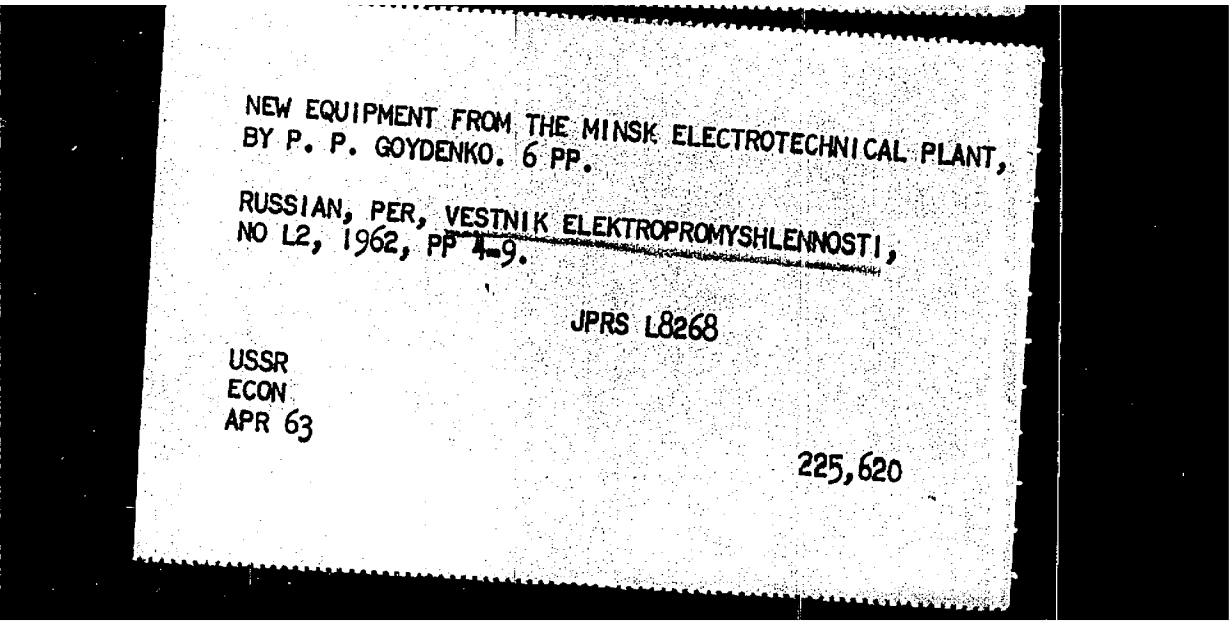

NEW EQUIPMENT FROM THE MINSK ELECTROTECHNICAL PLANT, BY P. P. GOYDENKO. 6 PP.

RUSSIAN, PER, VESTNIK ELEKTROPROMYSHLENNOSTI, NO L2, 1962, PP 4-9.

JPRS L8268

USSR
ECON
APR 63

225,620

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Some Dielectric Characteristics of Epoxy Resin Insulation, by E. K. Dolver.

RUSSIAN, per, Vest Elektroprom, Vol XXXIII, No 12, 1962, pp 16-19.

OT 7510
ULL (Loan) Ref: 9091.9 1963 (ANRE 41)

Sci - Electron
Jan 64

248,514

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Ageing of Solid Insulating Materials Under the Influence of Oxidation Products of Transformer Oil, by M. I. Shakhnovich, R. A. Lipshtein, 10 pp.
RUSSIAN, per, Vestnik Elektropromyshlennosti, Vol 33, No 12, 1962, pp 25-28. PB111949R7
AEC AWRE Tr-42

326,467

Sci - Materials
June 67

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Thermal Tests on large Rolling Mill Machines in Operating Conditions, by Yu. K. Vasil'ev, I. N. Bogaenko.

RUSSIAN, per, Vestnik Elektropromyshlennosti, No 12, 1962, pp 32-35.

BIBI 3183

Sci - Engr
Apr 63

229,472

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

TWO-SPEED VERTICAL SQUIRREL-CAGE MOTORS FOR PUMPS,
BY Z. B. NEYMAN, 5 PP.

RUSSIAN, PER, VESTNIK ELEKTROPROMYSHLENNOSTI,
NO 12, 1962, PP 40-42.

JPRS 18268

USSR
ECON
APR 63

225,619

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

TASKS OF LOW-VOLTAGE APPARATUS CONSTRUCTION, BY N. A. DODOGORSKIY, 6 PP.

RUSSIAN, PER, VEST ELEKTROPROMYSHLENNOSTI, NO 1, 1963, PP 4-5.

JPRS 18167

USSR
S ECON
MAR 63

225,514

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

AWARDS TO THE PARTICIPANTS OF THE EXHIBITION OF ACHIEVEMENTS OF THE NATIONAL ECONOMY OF THE USSR, BY M. A. BORISOV, V. I. SMORGONSKIY, 11 PP.

RUSSIAN, PER, VEST ELEKTROPROMYSHLENNOSTI, NO 1, 1963, PP 36-38.

JPRS 18167

USSR
ECON
MAR 63

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APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

A Range of Porcelain Bushings Reinforced With an Interior Installation and Measures for Its Introduction in 1961-1965.

RUSSIAN, per, Vest Elektroprom, Vol XXXIV, No 1, 1963, pp 76-78.

NLL Ref: 5828.4 1962 (15,225) (loan)
236,116

Sci - Elect Electron
Jul 63

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

PROSPECTS FOR DEVELOPING THE ELECTRICAL INDUSTRY OF THE URALS, BY N. N. PYTEL', 8 PP.

RUSSIAN, PER, VESTNIK ELEKTROPROMYSHLENNOSTI, NO 2, 1963, PP 1-2.

JPRS 19558

USSR
ECON
JUN 63

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APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

HYDROELECTRIC GENERATORS BUILT BY THE "URALELEKTROAPPARAT" PLANT, BY K. F. KOSTIN, 16 PP.

RUSSIAN, PER, VESTNIK ELEKTROPROMYSHLENNOSTI, NO 2, 1963, PP 8-13.

JPRS 19558

USSR
ECON
JUN 63

231,825

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

Circuit Breakers With Several Vacuum Quenching Chambers in Series, by N. A. Popov, V. B. Kozlov.

RUSSIAN, per, Vest Elektroprom, Vol XXXIV, No 2, 1963, pp 28-31.

NLL Ref: 9022.09 1964 (3283) (loan)

May 64

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130063-8

A New Nickel-Zinc Accumulator, by
N. A. Zhulidov, F. I. Efremov.

RUSSIAN, per, Vest Elektroprom, Vol XXXIV,
No 2, 1963, pp 74-75.

NLL Ref. 5E28.4 1963 (5,375)
(Loan)

TTIS NS 71
Sci - Electron
Nov 63 FTD-TT-64-905 (1695764)
242,259

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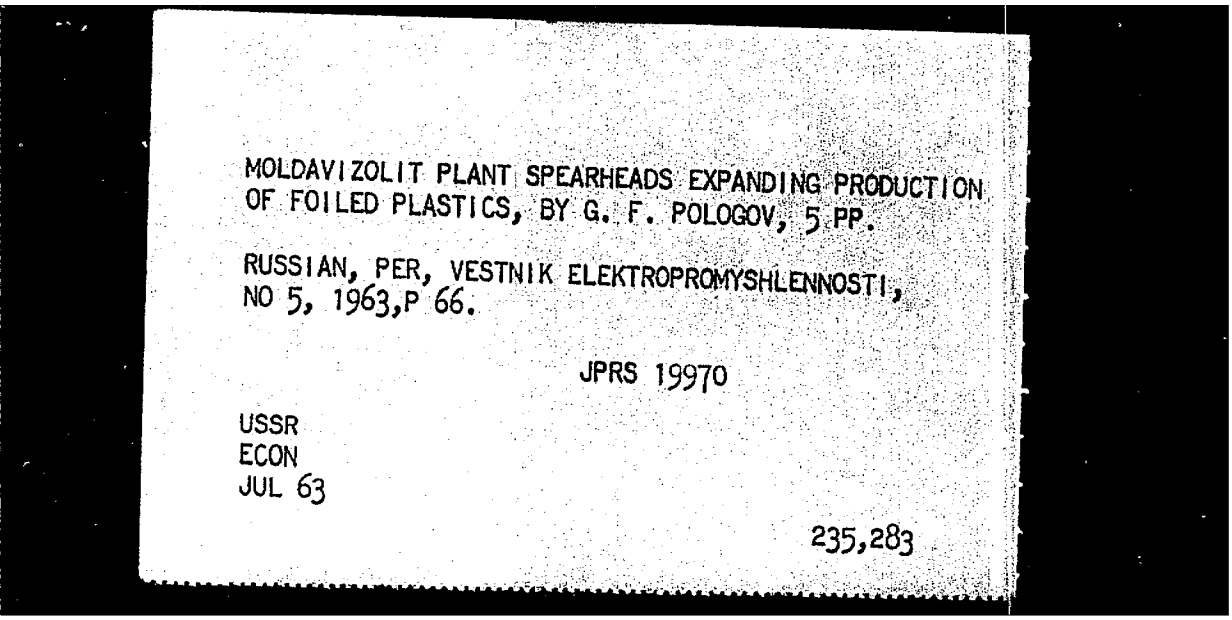

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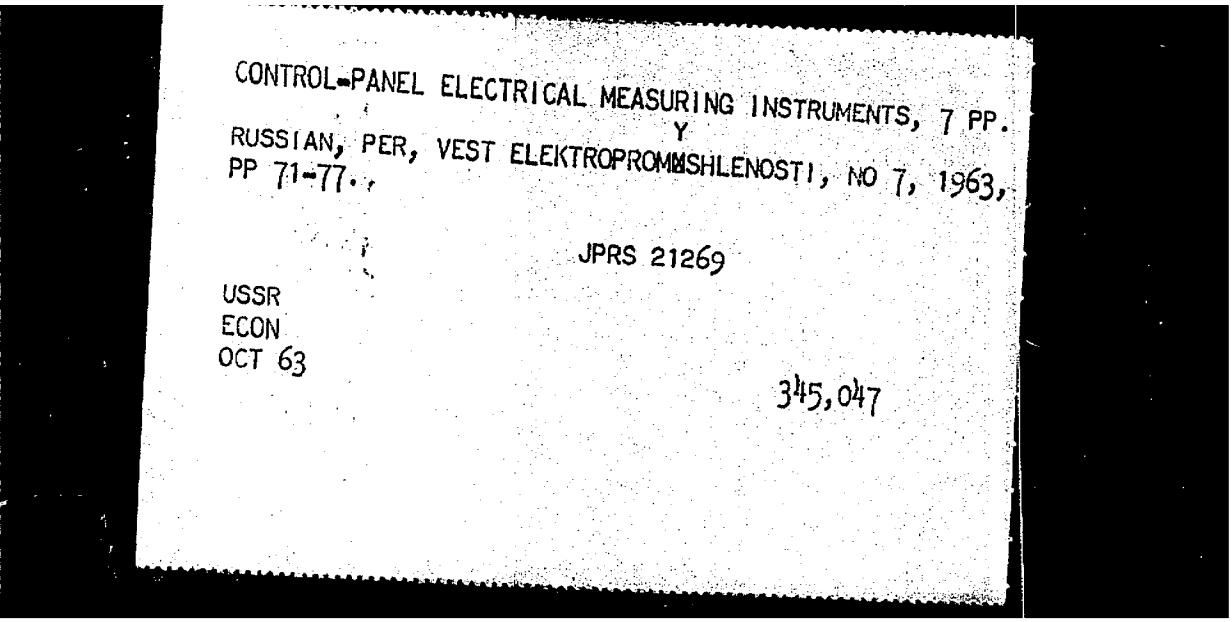

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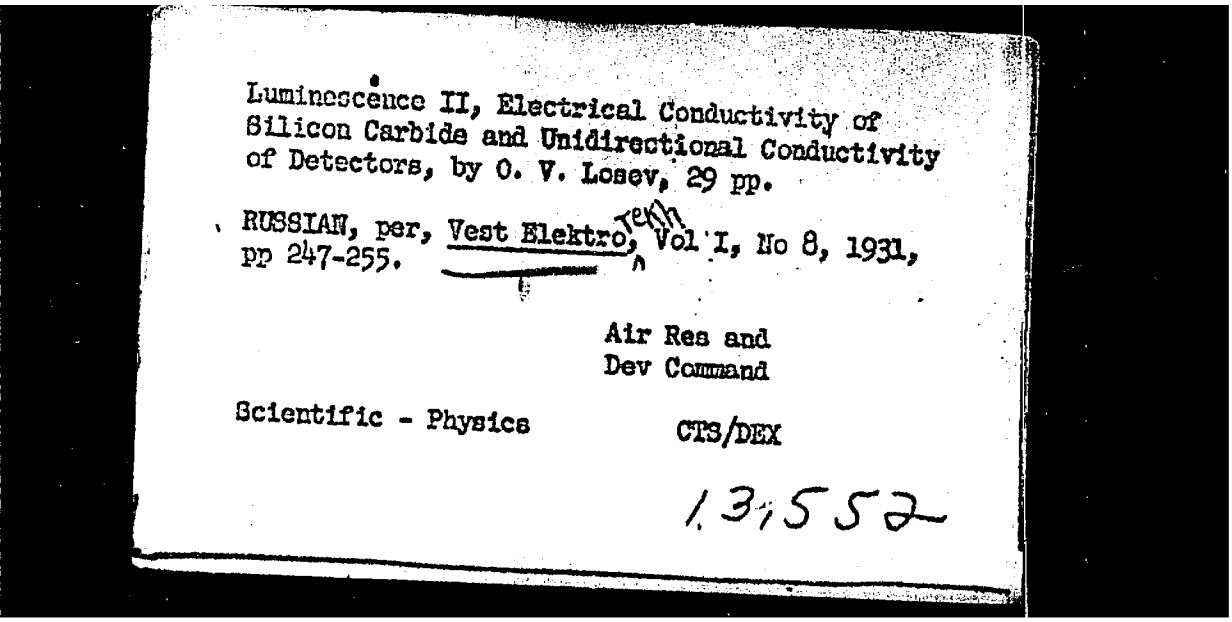

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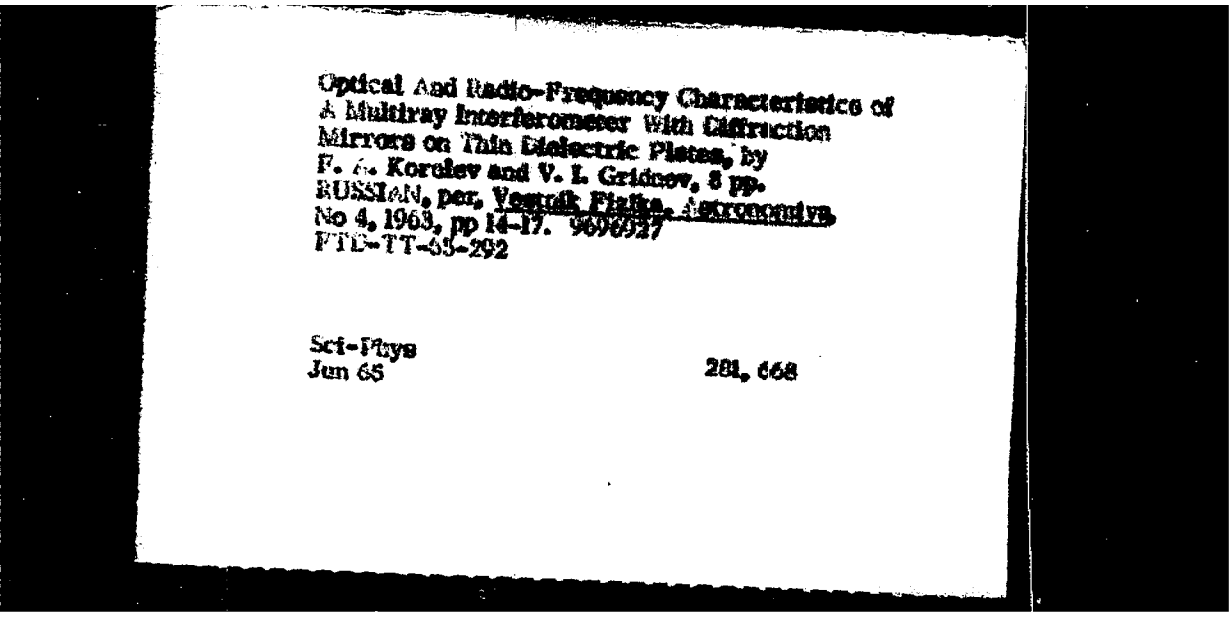

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DESCRIPTORS: *Rods, *Beams (Structural), *Elasticity, Stresses, Load distribution, Differential equations, Series.

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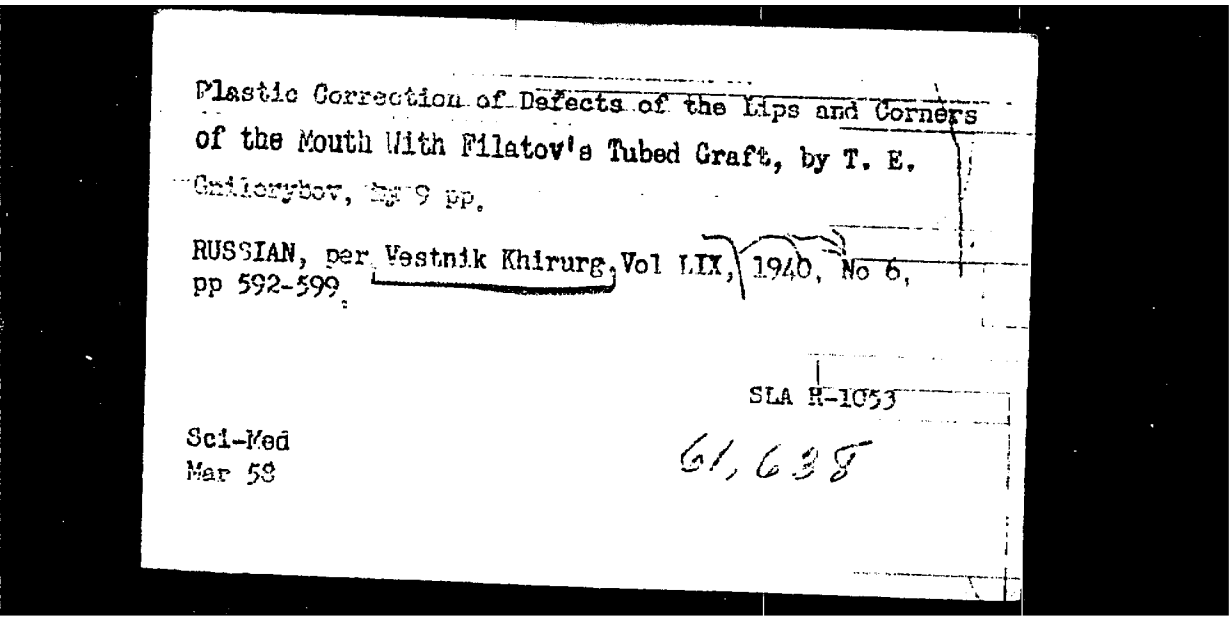

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A RAPID METHOD FOR THE CYTOLOGICAL DIAGNOSIS OF MALIGNANT TUMOURS AND THEIR METASTASES IN THE COURSE OF SURGICAL OPERATIONS (Ekspressnyi Metod Tsitologicheskoi Diagnostiki Zlokachestvennykh Opukholei i Ikh Metastazov vo Bremia Khirurgicheskikh Operatsii) tr. by R. Crawford. [1961] [24]p. (2 figs. omitted) 16 refs. [NIH]-118.
Order from OTS or SLA $2.60 62-15116

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DESCRIPTORS: *Tumors, Diagnosis, Histology, Transport properties, *Surgery, Cancer

The proposed methods for the rapid treatment of cytological preparations make the cytological method of examination extremely rapid, and in every way suitable for express diagnosis during surgical opera-
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